

CIRCUITS LIST

CircuitID	Description	CircuitID	Description	CircuitID	Description
0	GndLevelLow	0RC1		12w_up	VecrInside
2B	CondSndSpdSig	0RC2	GndDriverCylinder	12Wup	Vecr_Inside
5A	UpperHeaterPwr	0RC3	Gnd	12Wup1	12WUpFront
5B	UpperHeaterPwr	0RC4	Gnd	12Wup2	12WUptoDash
5C	UpperHeaterPwr	0SA1	GndAlternator	12Wup5	PwrtoModuleA51
7	DriverSensorRtn	0SA2	GndAlternator	13	GndTransducer
9	EngCmpt.LtsSwitch	0ST	GndSterringMultifuntion	16	SpeedSignal
9B	EngineCmpt.Lt	0VA		18	Wip.WasherLevel
9BRtn	GndEngineCmpt.Lts	0Y	ABS_Gnd	20	Air_Dryer_Pwr
0A	Evap.Gnd	10	LuggageCmpt.LtsPwr	21	FlasherLHSig
00A	GndElectronic	10A	LuggageCmpt.LtsPwr	21A	FrontFlasher
00AB		12	RearSlideOutRetractingSignal	21AA	FlashersRearLH
0B	GndEngineCompt	12B	12VTOCB2	21B	CorneringLtsLH
00B	ElectronicGndofMuxModules	12C	12Direct	21BR	GndFoglights
0BR3	GndRearLighting	12CPC	R22_DDEC	21C	UpperRearLights
0C	GndStarter062214	12Ecu	12v_Engine_Ecu	22	HazardSwSig
0CE	GND48A47	12ecu	VecrInside	23	FlasherRHSig
0DG	GndAlternatorSupp.	12K	KeyLessign	23A	FrontFlasherRH
0EV1	GndCondensor	12VB		23AA	FrontFlasherRHSide
0EV2	GndHvac	12VD1	12VDFrontWake-up	23B	CorneringLtsRH
0F	FJBDoorOpenSig	12VD2	12Direct	23BR	GndFogandCorneringLtsRH
0FA1	GndofEntranceWdo	12VD3	12vRearwake-up	23C	UpperRearLights
0FA4	Chassisgnd	12VD4	12VDWitnessPwrSw4	24	MasterRelayPwr
0FB1	GndMirrors	12VDCust	12VDCustomer	24AW	AwiningWindowsPower
0FB2	GndDriverWdo	12VDF	12VDtoFrontVec	24CO	PwrtoExcitationResistor
0FB3	GNDCustomer	12VDF3	ProDriverBatteryPower	24D	24Direct
0FC1	Driverseat	12VI	12VltoCB10	24F	24Ignition
0FC4	ElectricalHorn	12vi	VecrInside	24FPS	
0FD1	GNDMuxpower	12VI1	12VlofA44	24VB	
0FE		12VI2	MirrorPwr	24VB1	24VEnginePreheater
0G	GndofA54	12VI3	PwrOutletDrawer	24VB2	24VEnginePreheater
0H	GroundCoolantSensor	12VI4	PwrOutletandCigarLighter	24VD	24VD
0L	KeylessModuleKeypadGnd	12VI5	12VltoVECR	24vd	VecrInside
0PR2	GndFrontClearanceLts	12VI6	PwrtoModuleA50	24VD1	24VDtoFront
0PR3	UpperDefrosterGnd	12VI7	TrailerABSPower	24VD2	24VDtoRearVec
0R	GndPrimePump	12VI9		24VD3	24VDofCECM
0RA2	SignalGndR1	12VI10	12Vlspare	24VD4	24VDFrontWake-up
0RB3	Gnd	12VI11	12Vlspare	24VD5	24VD
0RB4	Luggageslockunlockrelay	12VICust	12VICustomer	24VD7	PassandPRackPwr
0RB5	Luggageslockunlockrelay	12VIF	12VltoFrontVec	24VDCust	24VDCustomer
0RB6	GndCustomer	12VIF19	12VI_DDDL	24VI	24VI
0RB7	GndAwningWindow	12VIZF	ZFsterringControl	24vi	VecrInside
0RB8	GndTrailerConnector	12WUp1	12VWUptoA48	24VI1	24VltoRearVec

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24V12	Multifunctionswitchpower	41	24VCondensor	65P	Pass.Cylinder
24V13	24Vlgn	41A	CondensorPwr	66	MarkersSigSw2
24V14	SunVisorsPwr	42A	12VCondensor	67	EvaporatorPwr
24V15	24VlofMuxmodules	45	UpperdefrosterSwSig	67A	Condensor1stSpdSig
24V16	PwrtoDefrostUnit	45A	PassengerHeatSig	68	DashDamper
24V17	WiperPower	46	FrontFlasherRh	68A	DashDamper
24V18	24VltoMux	46A	FrontMarkers	69	ElectricalHorn
24V19	24VlofA54	47	DoorOpenSignal	69A	PneumaticHorn
24V19A	24VlofA54	47A	DoorOpenSignal	71A	DockingLtsLH
24V19B	24VlofA54	48A	DoorUpperPen	72A	DockingLtsRH
24V110	24VI	48B	DoorUpperPenSig	72B	SunVisorRHSig
24V113	24Vlspare	48C	DoorUpperPenSig	72C	SunVisorSignal
24V114	24Vlspare	49A	DoorInsideSwCloseSig	72D	SunVisorRHSig
24V1A	Cut-outPneumaticAcc	50	WitnessGndSig	72R	GndRJB
24VICust	24VICustomer	52	Sw102	74D	SunVisorSignal
24VIF	24VltoFrontVEC	53	LowerWip.Spd1Sig	76	FuelLevelSig
24WUp1	24VWUptoA47	53A	ElectricalHorn	76C	FuelLowLevelSig
24Wup1	24WUpFront	53B	HornElectric	76P	PrimePumpSig
25	EngineRunSignal	53C	LowerWip.IntSig	77	TransducerHi-Side
25A1	ExcitationSignal	53D	LowerWip.WasherSwSig	77B	PassandPRackLiquidValve
25A2	Alternator2Signal	53E	LowerWiper1stSpd	77BA	A/CClutch
25L	75ADelcoAlt.signal	53F	LowerWasherPump	77BB	A/CClutchsmalla/c
26	DriverWdoPwr	53H	LowerWiper	77C	PassandPRackLiquidValve
26A	DriverWdo	53K	KeyLessSig	77K	CoilThermostatSignal
26B	DriverWdo	54	TestSwitch	78	StopLightSensorSig
26D	EntranceWdo	57A		79	TranducerLow-Side
26E	EntranceWdo	57L	Hi-Beam	79A	DecelSignal
27	PowerEntranceDoorWdo	57R	HighBeamRH	79B	12V_Wup
28	AudibleRlySig	57Rtn	SignalRtnHeadLtsLH	80	BrakeRedundant
31	UnloaderRH	58L	LowBeam	81	HeadLtCallSw1
31B	WiperPower	58R	LowBeamRH	82A	CyclopeLamp
32	FrontSlideOutExtending	58Rtn	HeadLampRHRtn	82Low	StopRearLowerLamp
32A	BackupLtantalarm	59	Hi/LowBeamSignal	82Up	StopRearUpperLamps
32D	BackupLtantalarm	60	FogsLtsSwSig	83	24vAccessories
33	UnloaderLH	61	HeadLtsSig	84B	StartSigSw83
35	EntranceDoorLights	63	Clearancelts	85	24VIgnition
35A	Entrancelight	63A	FrontClearancelts	85A	Ign-AccSignal
39	DriverLtsSwSig	63AA	Clearancelts	85a	Ign-AccSignal
39AA	GndElectronic	63BB	Clearancelts	85B	Wake-upSig
39B	KeyLessSig	64A	Blinker	85C	PositionNormalSw58
39D	DriverLt	65	FootDamper	85D	RearStartPwr
39Rtn	GndDriverLt	65A	FootDamper	85E	RearStartSignal
40	WitnessGnd	65D	DriverCylinder	85F	

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CircuitID	Description	CircuitID	Description	CircuitID	Description
85G	EgnineStartPwrSw58	114A	Backlight	137K	Mirrors
85J	CutoutRlyLatchSig	114AA	ClusterKeyPadBacklight	137L	Mirrors
85Y	ABSTTLT	115	Transmission	137M	Mirrors
85Z	AbsTrailerWarningSignal	115A	WitnessLampPwr	138	Transmission
86	DefrostunitSpd	115W	Transmission	138A	ABSSensor
86A	PassengerDefrosterControl	116	DriverLiq	139	Transmission
86ARtn	GndReturn	116A	DriverLiq	140	Transmission
86BRtn	GndReturn	119	Transmission	141	Transmission
86RTN	GndEntrancedoorLt	120	Transmission	142	ABSSolenoid
86Rtn	GndPassengerDefrosterControl	121	SteeringOutSignal	143	ABSSensor
87	TrailerParkBrakeSig	122	SteeringOutSignal	143A	ABSSensor
88	CompressorPressureSignal	123	FireAlarm	144	ABSSensor
89	Driversensorsig	123A	WakeUpSignal	144A	ABSSensor
90H	24VltoEvap	124A	Transmission	145	ABSSolenoid
90H1	Evaporator	125	RetarderSig	146	ABSSolenoid
91	ParkBrakeSig	126F	LevelLowSignal	146A	TransmissionIgn
91B	WitnessSigSw14	127	Transmission	147	EtherSignal
92	TrailerParkBrakeSig	128	SteeringMultifunctionPwr	147A	Ether
93	PassengerDefrostSwitchUp	129	SunVisors	148	Transmission
94	PassengerDefrostSwitchDown	130	SunVisors	149	Transmission
95	DockingLTswSig	131	Transmission	149A	ABSSensor
96	CorneringLTswSig	132	DifferentialLockSignal	150	Transmission
97	LowDockingLightsSwitchSignal	132A	LevelLowPower	151	GndtoEcm
98	BackupCancelSwitch	132B	LevelLowSo30	151A	Gnd_to_ECM
00A1	GndElectronic	132C	LevelLowSo31	151B	Gnd_to_ECM
0B1	GndEnginePreheater	132D	LevelLowSo32	151C	Gnd_to_ECM
00B1	GndEng.Start	132E	LevelLowPower	151D	Gnd_to_ECM
0V1	LuggageDoorOpenSig	132F	LevelLowPower	152	Transmission
0V2	LuggageDoorOpenSig	133	Transmission	154	Transmission
0V3	LuggageDoorOpenSig	135	Transmission	155	Transmission
0V4	EvaporatorLightSwitch	135A	Transmission	156A	12VltoABS
0V4A	CondensorLightSwitch	136	Transmission	157D	ATCTTLT
0V5	LuggageDoorOpenSig	136A	TransmissionPwr	159	Transmission
0Y2	GndChassisABSSol	136AA	ShifterSignal	160	TagSignal
0Y3	GndChassisABSSol	137	Transmission	163A	EngBrakeRetSignal
101	PwrtoStarter	137A	MirrorPwrSig	163B	Transmission
102	Alternator	137B	Mirrors	164	HandLevelSig
102A	Alternator	137C	Mirrors	166	WitnessSigSw16
104	LevelLowSo28	137D	Mirrors	170A	LuggagesLocks
105	FogLtsLH	137E	Mirrors	170B	LuggagesLocks
106	FogLtsRH	137F	Mirrors	170D	Luggageslockrelay
111	Transmission	137H	Mirrors	170E	Luggagesdoorslockrelays
114	BacklightPwr	137J	Mirrors	170F	LuggagesLocks

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CircuitID	Description	CircuitID	Description	CircuitID	Description
170G	LuggagesLocks	241C	WaterInFuelHeater	501	Ground_Control_Relay
170K	LuggagesLocksSwitch	260	WindowAjarSignal	502	IVSOut
170KK	ElectronicGnd	272	KeylessModuleInput	503	MILLamp
170L	LuggagesLocksSwitch	274	KeylessModuleInput	505	DPFSensor
170M	LuggagesLocksSwitch	276	KeylessModuleInput	506	DPFSensor
170N	LuggagesLocksSwitch	277	KeylessModuleKeypadLt	507	DPFSensor
170P	LuggagesLocksSwitch	278	KeylessModuleInput	508	DPFSensor
170Q	LuggagesLocksSwitch	280	KeylessModuleInput	510	FastIdleSignal
170R	LuggagesLocksSwitch	283	EntranceDoorHingeSignal	511	DPFSensor
170S	LuggagesLocksSwitch	283A	UnlockSig	512	DPFSensor
170SS	LuggagesLocksSwitch	283C	EntranceDoorHingeSignal	513	DPFSensor
170T	LuggagesLocksSwitch	284A	LuggagesUnlockRelays	514	DPFSensor
170V	LuggagesLocksSwitch	284B	KeyLessSig	515	GroundPreheaterRelay
170W	Luggageslockrelay	285	LuggagesLockRelays	524B	IdleValidationSig
170X	LuggagesLocksSwitch	285B	KeyLessSig	524C	IdleValidationSig
170Y	LuggagesLocks	286	EntranceDoorLock	528	OverrideSignal
170Z	LuggagesLocks	286A	EntranceDoorLock	541	CruiseSetSig
171	LuggageUnlockSwSig	286B	FrontDoorLock	544	CruiseOn_OffSignal
174	Transmission	287	KeyLessSig	544A	CruiseOn-OffLed
175	Transmission	290	GndFanClutch	545	CruiseResumeSig
176	Transmission	291	FanClutch	555	FanClutchSignal
177	Transmission	292	FanClutch	563	FanClutchSignal
180	Transmission	294	KeyLessSig	564B	OutZFDecelSig
181	OutsideSensorSig	295	KeylessModuleOutput	583	EngineBrakeHiSig
181C	OutsideTemperatureSensor	296	RJBDoorFan	600	ABSSensor
181D	Outsidetempssensor	296A	RJBTempSensor	600A	ABSSensor
182	SunVisor	296B	RJBTempSensor	601	ABSSensor
183	SunVisor	297	TransShiftDown	601A	ABSSensor
184	CustomerC	298	TransShiftUp	602	ABSSteering&Yawsensor
185	TransmissionInhibitSig	341	See_H3_Design	603	ABSSteering&Yawsensor
197	FuelFilterSig	342		604	ABSSteering&Yawsensor
201	HeadLampSignal	343	See_H3_Design	605	ABSSteering&Yawsensor
202	HeadLampWash.Pump	343A	See_H3_Design	606	ABSPressuresensor
231	NeutralSignal	344	ExtinguisherSignal	607	ABSPressuresensor
231A	StarterRelay	345	See_H3_Design	608	ABSPressuresensor
231a	Volvo_Starter_Signal	346	FireAlarm_Detector	609	ABSPressuresensor
231B	Starter_Relay	347	FireAlarm_Detector	610	ABSPressuresensor
240	PwrDDDRConn	348	See_H3_Design	611	AbsTagSolenoid
240A	PwrDDDRConn	351	EngineShout-downSignal	612	AbsTagSolenoid
240B	PwrtoDDEC	352		613	AbsTagSolenoid
241	PwrtoDDEC	417	ThrottlePositionSignal	614	ABSSteeringSolenoid
241A	PwrtoDDEC	439		614A	ABSSteeringSolenoid
241B	PwrtoDDEC	500	DDECGND	615	ABStrailersolenoid

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CircuitID	Description	CircuitID	Description	CircuitID	Description
616	ABStrailersolenoid	DBusH		N19	A50Address
617	ABStrailersolenoid	DbusH	DBusSignal	N20	A50Address
900	J1587	DBusL		N21	A51Address
901	J1587	DbusL	DBusSignal	N22	A51Address
911	EmergencyCutoutRlySignal	E	Trans.HandLever	N23	A52Address
916	5V SensorPwr	Engine_Can+	EngineCan	N24	A52Address
952	GndSensorRtn	Engine_Can-	EngineCan	N25	A53Address
953	Electronic_ground_DDEC_VI	F	Trans.HandLever	N26	A53Address
979	EngineBrakeA	G	Trans.HandLever	N27	A54Address
979A	EngineBrakeLowSig	GndA	ComputerSignals	N28	A54Address
A	Trans.HandLever	GREEN	TrailerFlasherRH	N29	A36Address
B	Trans.HandLever	H	Trans.HandLever	N30	A56Address
BLACK	TrailerBackupLights	IPJ1	Cluster	N31	A56Address
BikFR		IPJ2	Cluster	N32	A57Address
BikRL		IPJ5	Cluster	N33	
BikRR		IPJ6	Cluster	N34	
BLUE	TrailerconnectorABSPower	IPJ7	Cluster	nil	Inside_VECF
Bref1	PassengerSensor	IPJ8	Cluster	OFB3	
BROWN	TrailerMarkerlights	J1939H	J1939	RED	TrailerStopLights
C	Trans.HandLever	J1939L	J1939	RedFR	
CAN2-H	EngineCan2	LX5	ClusterKeyPad	RedRL	
CAN2-L	EngineCan2	LX6	ClusterKeyPad	RedRR	
CanH	CanHSignal	LX7	ClusterKeyPad	Ref1	GndPassengerSensor
CanH1	Sparefrttr	LX16	ClusterKeyPad	Rts	ComputerSignals
CanL	CanLSignal	LX21	ClusterKeyPad	RX	
CanL1	Sparefrttr	N1	A41Address	RxD	ComputerSignals
Can_H	Can_HSignal	N2	A41Address	So1	Gnd
Can_L	Can_LSignal	N3	A42Address	So2	SldOutRemoteSig
CC1	Converterinput1	N4	A42Address	So3	SldOutInSig
CC2	ConverterInput2	N5	A43Address	So4	SignalOut
CC3	ConverterInput3	N6	A43Address	So6	Proximitysignal
CC4	ConverterInput4	N7	A44Address	So7	Proximitysignal
CC5	Converterinput5	N8	A44Address	SO8	PowerSldOut1Sensor
CC12	Converteroutput1	N9	A45Address	So8	PowerSldOut1Sensor
CC13	ConverterOutput3	N10	A45Address	So9	SldOut1StatusLed
CC14	ConverterOutput2	N11	A46Address	So10	SldOut1RelaySig
CC15	Converteroutput4	N12	A46Address	So11	SldOut2RelaySig
CC16	Converteroutput5	N13	A47Address	So12	Seallnflating
CC17	ConverterOutput6	N14	A47Address	So13	SldOut1SealDeflatSig
Cd	ComputerSignals	N15	A48Address	So14	SldOut1VacumGen
Cd1	ComputerSignals	N16	A48Address	So16	SensorGndRtn
Cts	ComputerSignals	N17	A49Address	So18	GndSlideOut
D	Trans.HandLever	N18	A49Address	So19	SldOutMotor1Sia

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CircuitID	Description	CircuitID	Description	CircuitID	Description
So20	SldOutMotor1Sig	spare27	SparesFrontHarness	WhtFR	
So21	SldOut1MotorSig	spare28	SparesFrontHarness	WhtRR	
So26	SlideOut	spare29	SparesFrontHarness	YELLOW	TrailerFlasherLH
So31	GndSlideOut	spare30	SparesFrontHarness		
So32	SldOut1SignalOut	spare31	SparesFrontHarness		
So33	SldOut2Signalln	spare32	SparesFrontHarness		
So36	Proximitysignal	spare33	SparesFrontHarness		
So37	Proximitysignal	spare34	SparesFrontHarness		
So38	PowerSldOut2Sensor	spare35	SparesFrontHarness		
So39	SldOut2StatusLed	spare36	SparesFrontHarness		
So40	SldOut2RelaySig	spare37	SparesFrontHarness		
So41	SldOut2RelaySig	spare38	SparesFrontHarness		
So42	SldOut2SealDeflatSig	spare39	SparesDash		
So46	SldOutMotor2sig	spare40	SparesDash		
So47	SldOutMotor2sig	spare41	SparesDash		
So48	SldOut2MotorSig	spare42	SparesDash		
So55	SecurityPinSol	spare43	SparesDash		
So58	SldOutMotor1Sig	spare44	SparesDash		
So59	SldOutMotor2sig	spare45	SparesFr-to-RearHarness		
So61	SldOut2SealInflat	spare46	SparesFr-to-RearHarness		
SP	ConverterVehicleSpeed	spare49	SparesEngineCradle		
spare	VecrInside	spare50	SparesEngineCradle		
spare	VecrInside	spare51	SparesEngineCradle		
spare2	SparesFr-to-RearHarness	spare52	SparesEngineCradle		
spare3	SparesFr-to-RearHarness	spare53	SparesEngineCradle		
spare4	SparesEvap.Harness	spare54	SparesEngineCradle		
spare5	SparesEvap.Harness	spare55	SparesEnginesAccessories		
spare6	SparesEvap.Harness	spare57	SparesEnginesAccessories		
spare7	SparesEvap.Harness	spare58	SparesEnginesAccessories		
spare8	SparesEvap.Harness	spare59	SparesEnginesAccessories		
spare9	SparesEvap.Harness	spare60	SparesEnginesAccessories		
spare17	SparesFr-to-RearHarness	spare61	SparesEnginesAccessories		
spare18	SparesFr-to-RearHarness	spare62	spareABSHarness		
spare19	SparesFr-to-RearHarness	spare63	spareABSHarness		
spare20	SparesClearanceLts	spare94	SparesRearClearanceHarness		
spare21	SparesClearanceLts	spare95	SparesRearClearanceHarness		
spare22	SparesClearanceLts	spare96	spare		
spare23	SparesClearanceLts	spare97	spare		
spare24	SparesClearanceLts	spare98	spare		
spare24VI2	spare24	spr24VI1	spare24		
spare24VI3	spare	TX			
spare25	SparesClearanceLts	TxD	ComputerSignals		
spare26	SparesFrontHarness	WHITE	TrailerConnectorGnd		